

BRUHAT BANGALORE MAHANAGARA PALIKE
RAJARAJESHWARI NAGARA ZONE

Name Work: Providing Developmen of Slab Drain From 15th Cross to SWD Drain Inside J.P Park in Ward No 17 RRN Zone.

Job Code:- 017-12-000085

Est Cost : 1995000.00

Sl No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.2: Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1(Page No. 5, Item No. 2.2)								
	Basic Rate=		157.00						
	Add A.W.8%=		12.56						
	Total=		169.56						
		Cum	3x2	4.00	2.50	0.35+0.45/2	24.00		
			1	190.00	2.50	0.40+0.50/2	213.75		
			2	5.00	1.00	0.40	4.00		
							241.75	169.56	40991.00
2	Earthwork excavation for foundation of buildings, water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m. In and above in width, in hard soil not exceeding 1.5m in depth including dressing in bottom and sides of pits and trenches, stacking the excavated soil clear from edges complete as per specifications. and as per the direction of the engineer in charge specifications. and as per the directions of the engineer in charge of the work PWD(BC) SR-2011-12 Item No.2.40 Page No.5								
	Basic Rate=		201.00	Cum					
	Add A.W.8%=		16.08						
	Total=		217.08						
			3x2	4.00	2.20	1.00	52.80		
			1	190.00	2.20	1.15	480.70		
			3x2	5.00	1.20	1.10	39.60		
			2	5.00	1.00	0.60	6.00		
							579.10	217.08	125711.00
3	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggretes @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No 12 Item No 4.10 SR 2011-12								
	Basic Rate=		3863.00	Cum					
	Add A.W.8%=		309.04						
	Total=		4172.04						
			3x2	4.00	2.20	0.15	7.92		
			1	190.00	2.20	0.15	62.70		
			2	5.00	1.00	0.15	1.50		
							72.12	4172.04	300888.00

No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 10 cms thick Page No 28 and Item No 5.31.2)								
	Basic Rate=		460.00	Cum					
	Add A.W.8%=		36.80						
	Total=		496.80						
			3x2	5.00	2.00		60.00		
			3x2	5.00	1.20		36.00		
							96.00	496.80	47693.00
5	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Page No.26, Item No.5.9)								
	Basic Rate=		3006.00	Cum					
	A.W 8%=		240.48						
	Total		3246.48						
			2x3x2	4.00	0.75	0.40	14.40		
			2x3x2	4.00	0.60	0.40	11.52		
			2x3x2	4.00	0.45	0.40	8.64		
			2	190.00	0.75	0.40	114.00		
			2	190.00	0.60	0.40	91.20		
			2	190.00	0.45	0.40	68.40		
							308.16	3246.48	1000435.00
6	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (Page No.119, Item No.15.3)								
	Basic Rate=		69.50	sqm					
	A.W 8%=		5.56						
	Total		75.06						
			2x3x2	4.00	1.20		57.60		
			2.00	190.00	1.20		456.00		
							513.60	75.06	38551.00
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, with superplasticiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (Page No.13, Item No.4.11)								
	Basic Rate=		4674.00	Cum					
	A.W 8%=		373.92						
	Total		5047.92						
	For bridge Beams		3	7.50	0.23	0.40	2.07		

No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
			1	7.50	5.00	0.23	8.63		
	For Drains		2	190.00	0.45	0.10	17.10		
			1	190.00	0.45	0.10	8.55		
			2x3x2	4.00	0.45	0.10	2.16		194395.00
							38.51	5047.92	194370.00
8	KSRB 4.9.2 : Providing and TMT steel reinforcement for R.C.C work including straighterening, cutting, bending, hooking palcing in position, lapping and /or welding wherever required, tying with binding wire, anchoring to the adjoining members wherever necessary, as per desing (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries complete as per specifications. (Page No.19 Item No. 4.6)								
	Basic Rate=		5910.00		q				
	Add A.W.8%=		472.80						
	Total=		6382.80						
			120kg /cum			10.70	12.84	6382.80	81955.00
9	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specifaciton. Specification No. KBS 4.6.2 (Page No.17 Item No. 4.30)								
	Basic Rate=		270.00	sqm					
	Add A.W.8%=		21.60						
	Total=		291.60						
	For Beams Outer Side		2	7.50	0.65		9.75		
	For Beams inner Side		4	7.50	0.45		13.50		
	For bridge Slab		1	7.50	5.00		37.50		
	Front Side		2	5.00	0.25		2.50		
							63.25	291.60	18444.00
10	Specifacation :Fabricating, Supplying and erecting to Plumb and line, Stainless steel pipe railings as per approvid drawings using 75mm square 14 gauge pipe for verticals and neatly grinded. SS cups on either S.S pipe welded to the square Pipe. Two plates 10mm thick welded at bottom for base grip. All the joist welding including grinding, Finishing, matel patty and painting two coats of Fountion of size 0.30x0.30x0.60 and filling with C.C 1:2:4. The sets are inclusive of all materials, job work, Loding unloding etc., complete. The work should be carried as per the drawing and directions of the Enginee-in Charge of the work. as Per Data Rate to be approved								
	Data Rate 5950.00		Rmt						
	For Bridge side		2	7.50			15.00	5950.00	89250.00
11	Loading and unloading of stone Boulder / stone aggregate /Sand/Kanker/Moorum. KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications, Cost of Haulage Excluding and unloading Page No.141 Item No.17.1 & 17.4 Page No. 141 Note $(=10 \times 1.35 \times 2) = 27 + 62.2 = 89.20$								
	Qty Vide I No 1 and 2		Cum				820.85	87.80	55753.00
						Qty Limited	635.00	-89.20	56642.00

No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
12	Miscellaneous and unforeseen charges								934.00 70.00
								Total	1995000.00

(Rupees Nineteen Lakhs Ninety Five Thousand Only)

CERTIFICATE

- 1 Certified that I have inspected the spot & Prepared the Estimate according to the necessity & site conditions.
- 2 Certified that the estimate is prepared on the basis of CSR of PW,MI, Bangalore Circle, Bangalore for the year 2011-12
- 3 Certified that the above area comes under BBMP limits..


Asst. Engineer

RR Nagara Division(P)
B.B.M.P.


Asst. Executive Engineer
RR Nagara Division(P)
B.B.M.P.

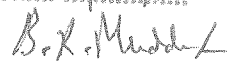

Executive Engineer
RR Nagara Division(P)
B.B.M.P.

ADMINISTRATIVE APPROVED	
Rs : 1995000 = 2 / Rupees nineteen lakhs Ninety five thousand only is accorded under the head : 2570	
By AC (R.R.N.) : S. C. 167	
Vide Register Page No. 56 & 57 subject to conditions contained in inclosed memo No. : AS/167/12-12 Date : 23/05/2012	
TA,	AC (R.R.N.)

Technically sanctioned for Rs. 19,95,000/-
Rs. Nineteen Lakhs Ninety five thousand only / - is accorded under the head 2570.

By E.E.(P), R.R.N. No. 22123, 24 No. 81
Registered as E.E.(P), R.R.N. No. 81 subject to conditions contained in enclosed memo No. 81/12-13 Date 06/06/12


AEE/TA


E.E.(P), R.R.N.